



IRAW Implementation-Diamond and SCCC Sites

Bi-Weekly Progress Report No. 32 Date: October 31, 2011
Kearny, New Jersey

I) Field Activities

Weeks beginning October 3 and October 10, 2011

- Continued decontamination of the Temporary Construction Treatment System (TCTS) frac tanks;
- Pumped water from the decontamination of the frac tanks to the TCTS;
- Operation and maintenance of the TCTS, and discharge of treated water;
- Finalized the hydrostatic testing of all force main piping (with the exception of the potable water pipe), and repaired as needed;
- Continued grading of the materials placed in the Diamond Site Consolidation Area (CA) and the SCCC Site lagoons/CAs;
- Public Service Electric and Gas (PSE&G) installed the power poles;
- Completed the placement of topsoil around the Hydraulic Control Treatment System (HCTS) Building;
- Installed the concrete slurry wall crossing on the north entrance of the Site;
- Removed six inches of clean fill between catch basins CB7 and CB8, CB-8 and CB-9, and CB-8 and CB-13, all replaced with six inches of topsoil;
- Prepared the Steel Sheetpile Wall platform for revegetation;
- Completed excavation of Channel C-4C and C-4B, completed excavation of liner anchor trench at channel C-4B and C-4C; and,
- Initiated excavation of the anchor trenches at the Diamond Site CA and the SCCC Site CA.

Near-Term Future Activities

- Continue operation of the TCTS;
- Continue installation of the HCTS components;
- Continue erosion and sediment control system construction;
- Continue placement of well vaults, electrical pull boxes, and well pumps and associated appurtenances;
- Continue in-place closure of the septic tanks;
- Utility installation;
- Final grading and installation of final cover in the SCCC and Diamond Sites CAs;
- Preparation of areas for mitigation of freshwater wetlands;
- No additional impacted soil removal associated with the former transformer pad will be required based on soil sample results, and the excavation will be backfilled; and,
- Continue capillary break installation along the south ditch.

II) Reporting

Weeks beginning October 3 and October 10, 2011

- Bi-Weekly Construction Report Nos. 29 and 30 were submitted to the New Jersey Department of Environmental Protection (NJDEP).

Near-Term Future Activities

- A Periodic Fill/Stockpile Monitoring Report will be submitted to the New Jersey Meadowlands Commission;
- The TCTS Discharge Monitoring Report for September will be submitted; and,
- Bi-weekly Construction Reports No. 31 and No. 32 will be submitted to the NJDEP.

III) Other

An extension for the Interim Response Action Report was approved by the NJDEP in the letter dated October 3, 2011.

Perimeter Air Monitoring

There were no excursions above the action levels during the reporting period. The representation of the daily action levels for dust and VOCs for each day's activities has been adjusted on the air monitoring graphs for each activity according to the Air Monitoring Plan.

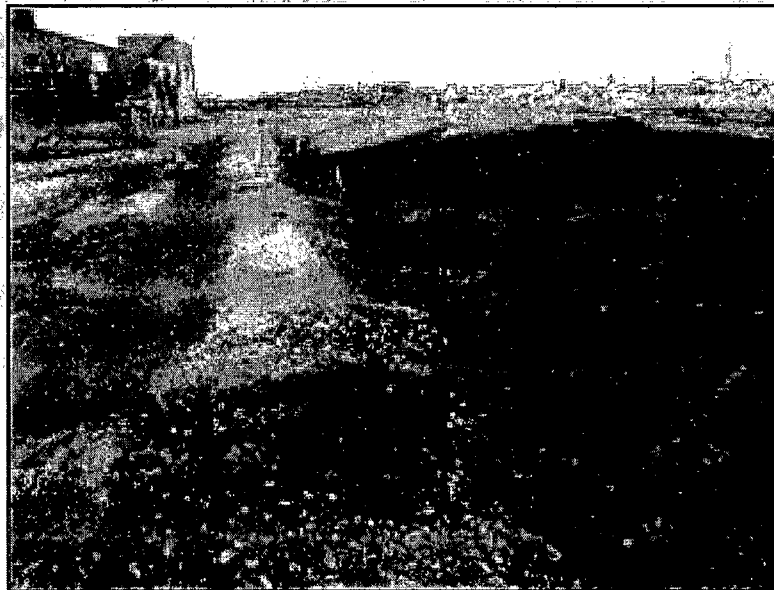
KEY

IRAW Implementation Diamond and SCCC Sites - Kearny, New Jersey
Bi-Weekly Progress Report No. 32 - Weeks Beginning October 3 and October 10, 2011

(Photo 1) Grading of the Diamond CA for collection piping.



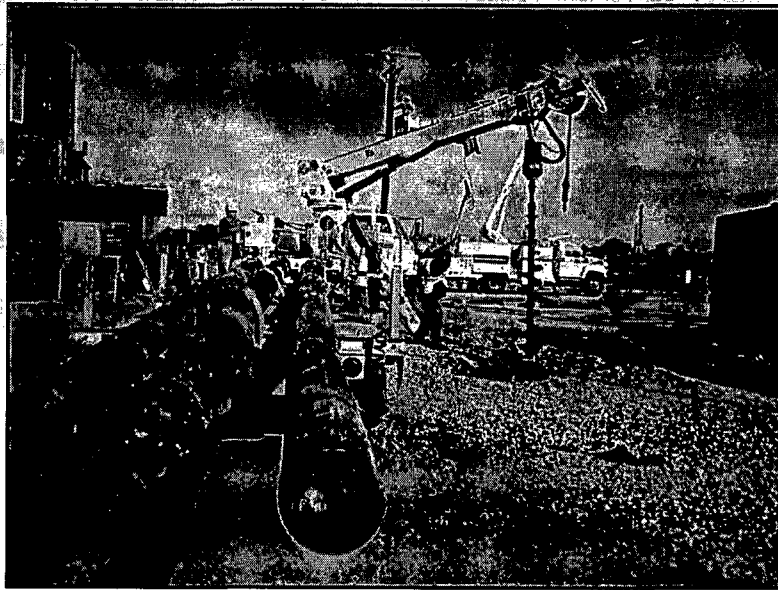
(Photo 2) Grading of the SCCC CA for collection piping.



KEY

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(Photo 3) PSEG installing new poles in the sonet tubes and preparing poles for installation of wiring.



(Photo 4) Installed the concrete slurry wall crossing on the north entrance of the Site.



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(Photo 5) Concrete Pour at Diamond entrance above the CBS Wall crossing.



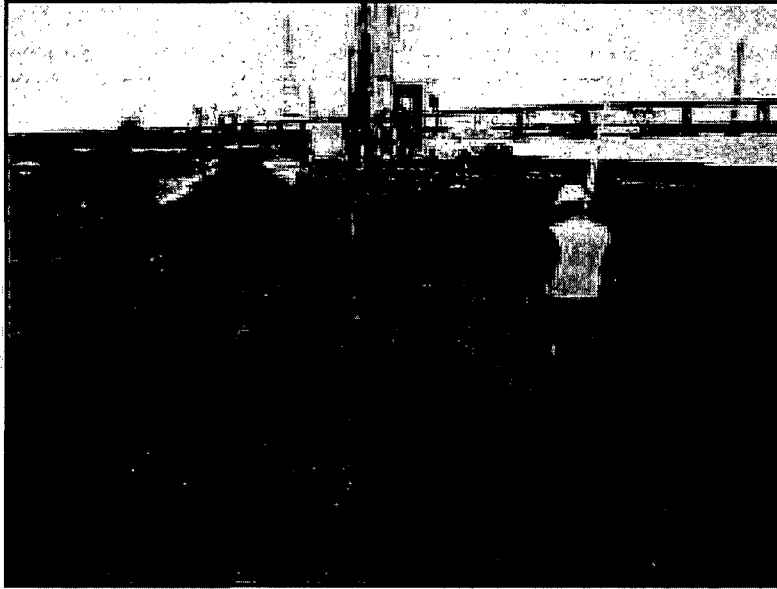
(Photo 6) Completed excavation of liner anchor trench at channel C-4B and C-4C.



KEY

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(Photo 7) Initiated excavation of the liner run-out/anchor trench east of the SCCC CA.



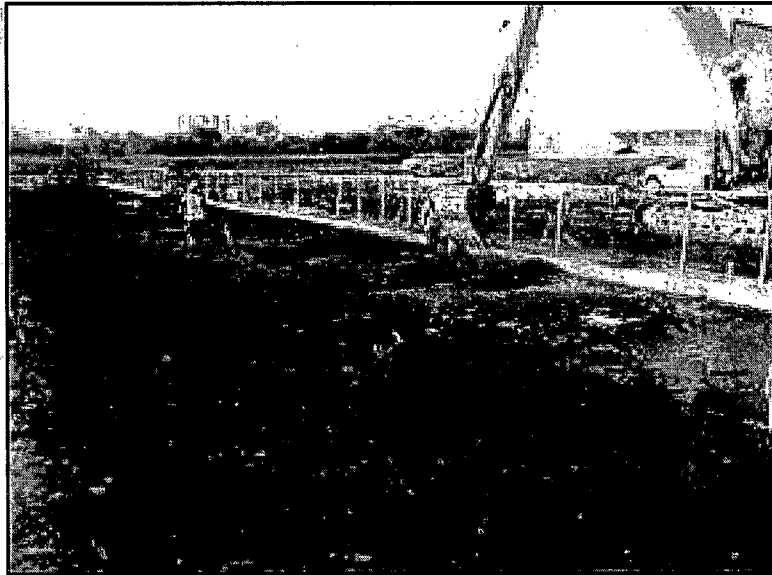
(Photo 8) Initiated excavation of the anchor trench west of the SCCC CA.



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IRAW Implementation Diamond and SCCC Sites - Kearnj, New Jersey
Bi-Weekly Progress Report No. 32 - Weeks Beginning October 3 and October 10, 2011

(Photo 9) Placement of planting soil (for wetland planting) between CB8 and CB13.



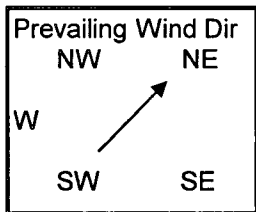
(Photo 10) Placement of planting soil (for wetland planting) between CB8 and CB9.



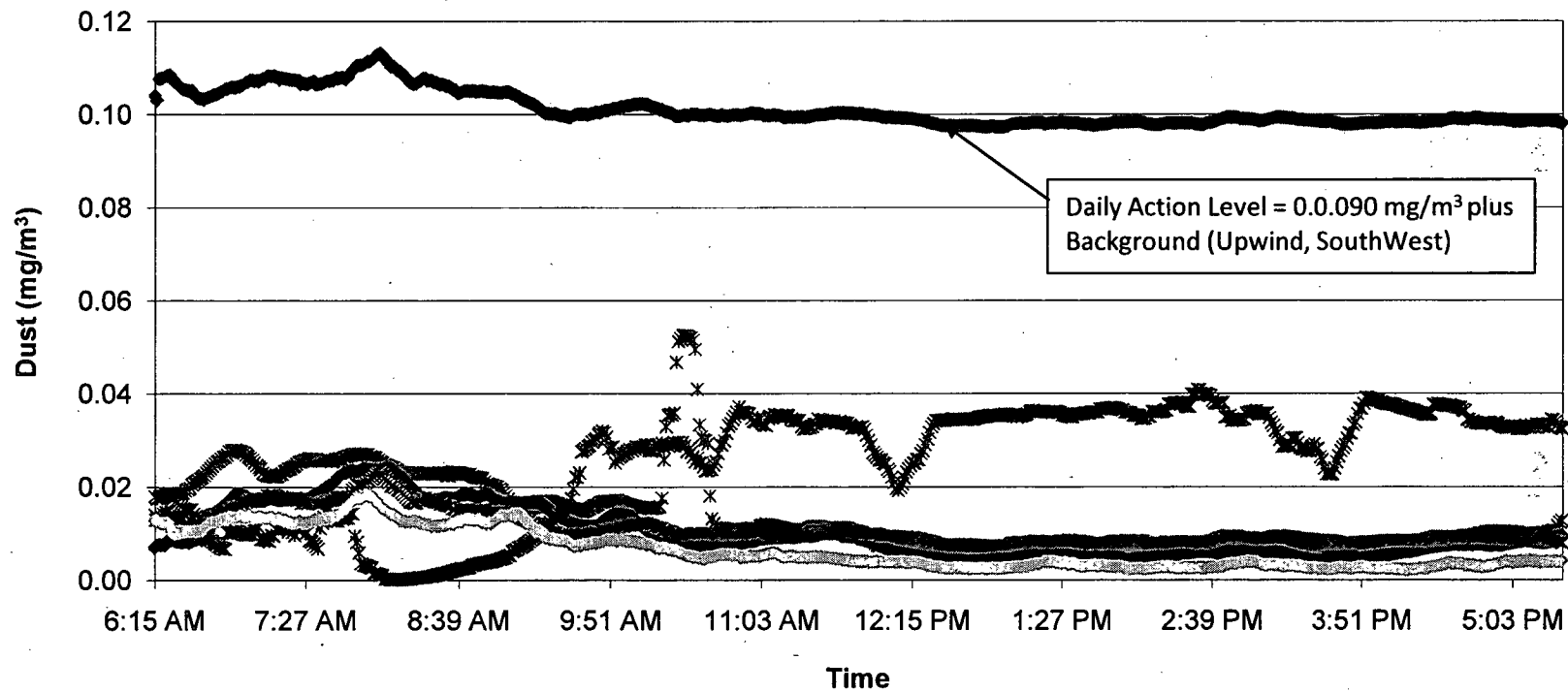
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Perimeter Monitoring Summaries

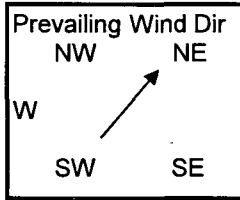
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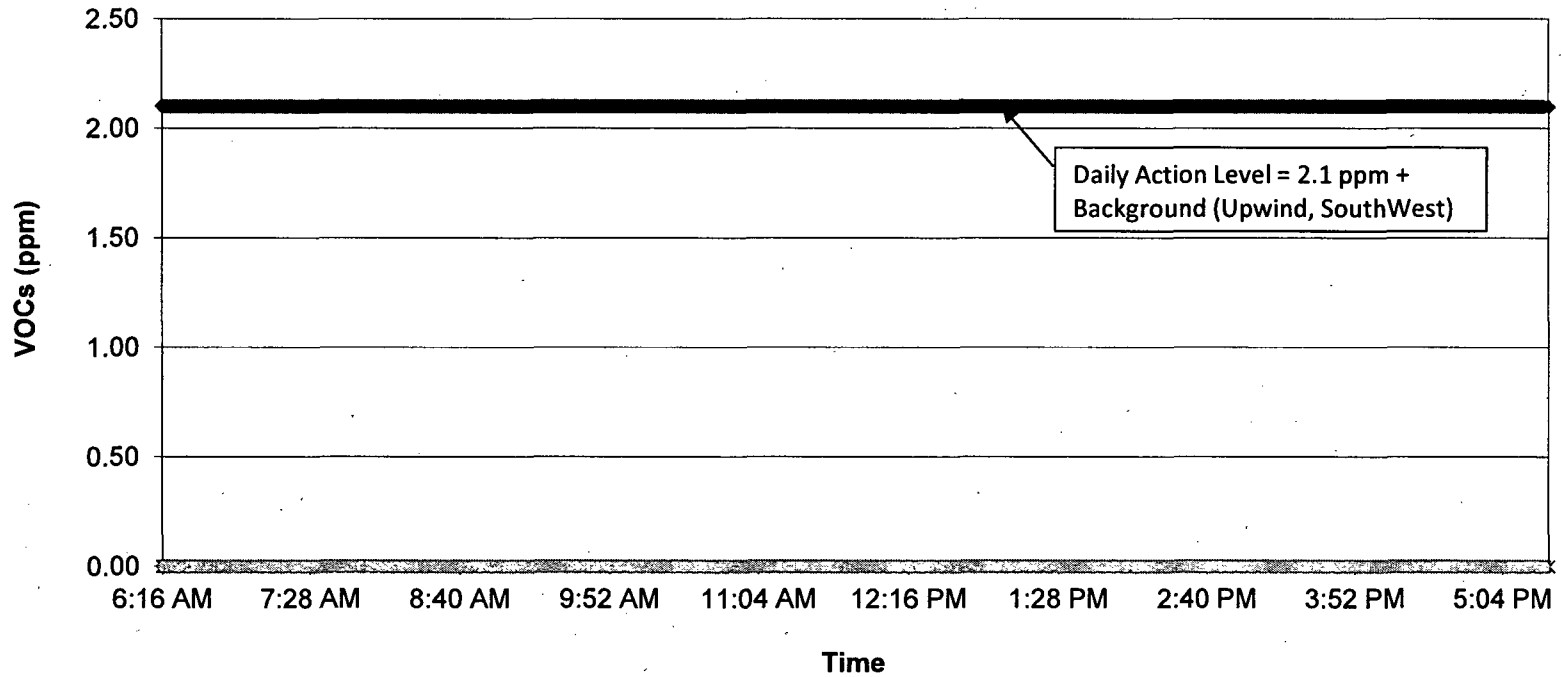
**Dust Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
October 3, 2011**



◆ DAL	× North East Station [NE]	◆ North West Station [NW]
× South East Station [SE]	× Upwind, South West Station [SW]	◇ West Station [W]



**VOCs Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
October 3, 2011**



◆ DAL

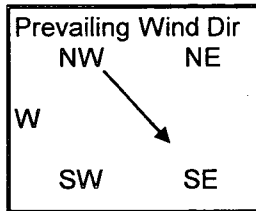
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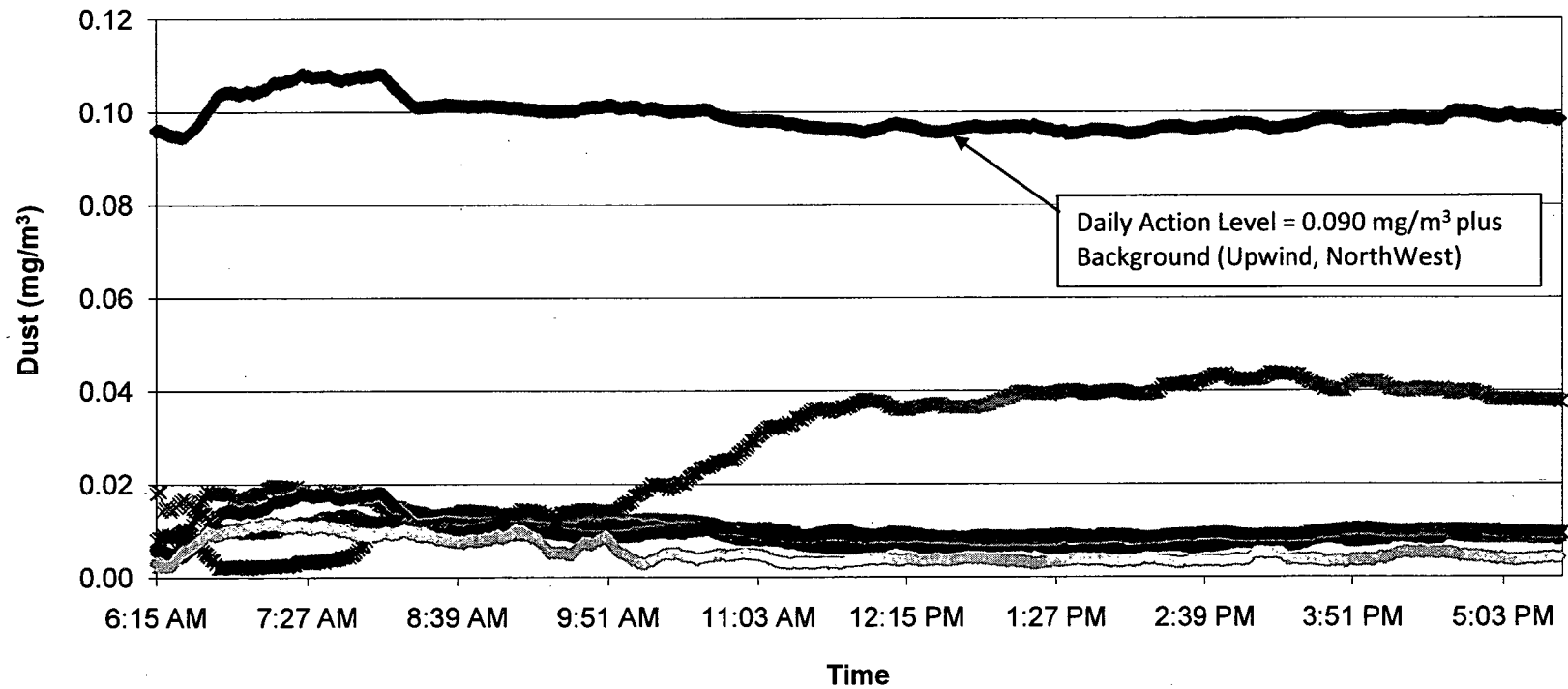
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× Upwind, South West Station [SW]

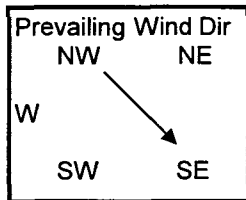
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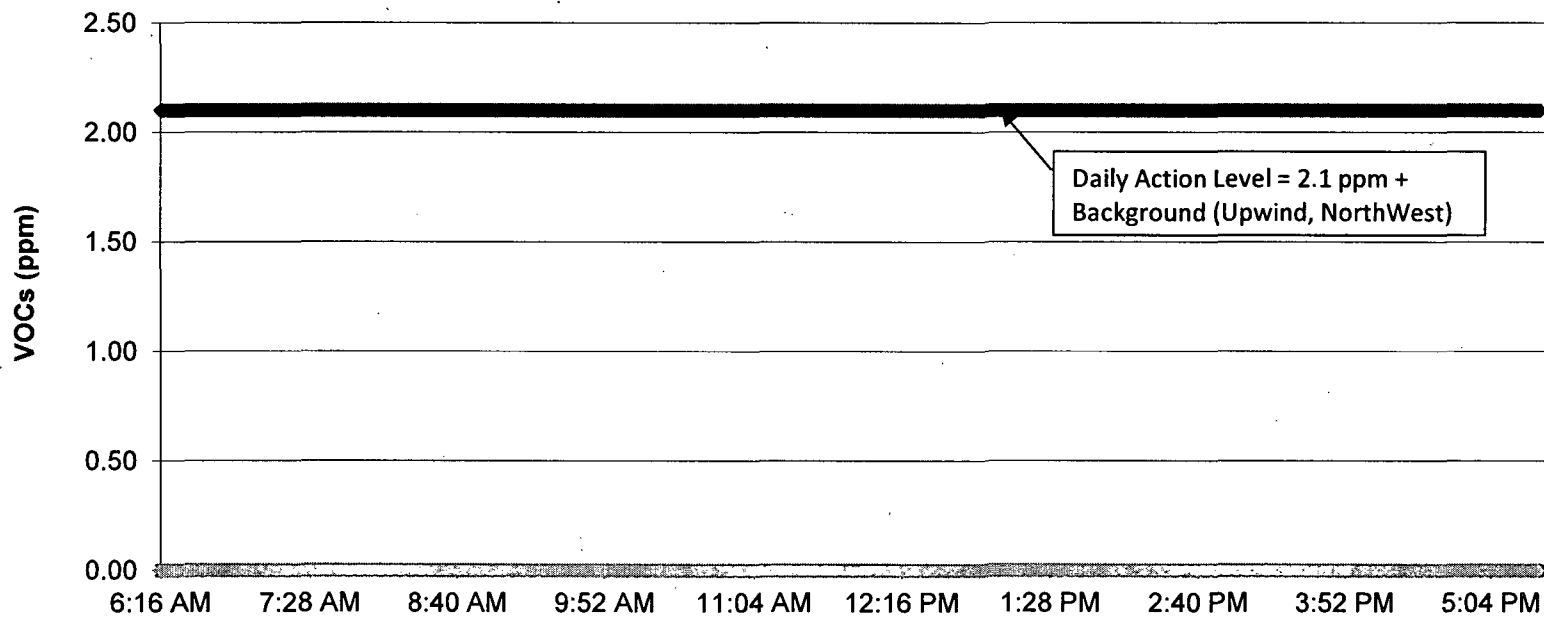
**Dust Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
October 4, 2011**



♦ DAL	x North East Station [NE]	♦ Upwind, North West Station [NW]
x South East Station [SE]	x South West Station [SW]	♦ West Station [W]



**VOCs Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
October 4, 2011**



◆ DAL

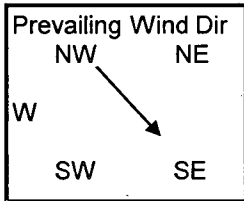
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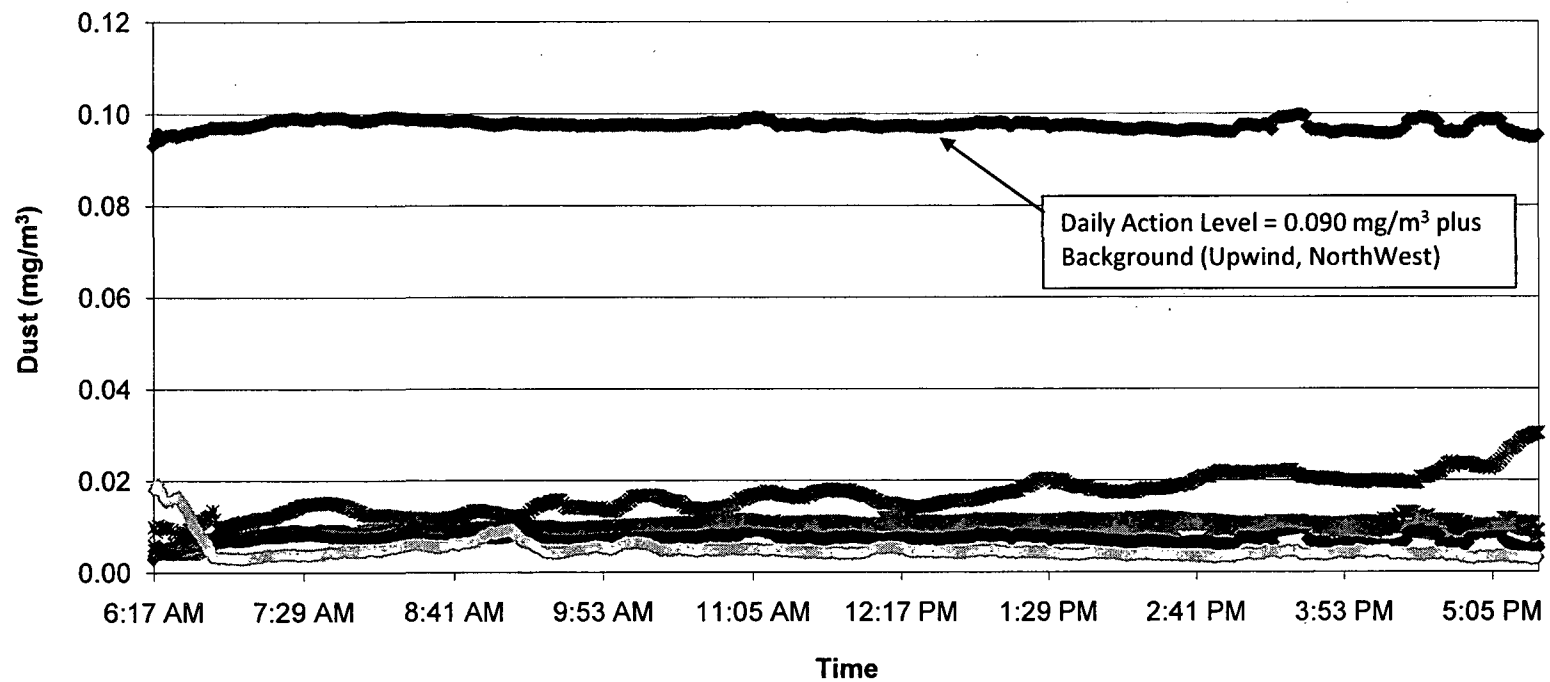
× South West Station [SW]

◆ Upwind, North West Station [NW]

◇ West Station [W]



**Dust Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
October 5, 2011**



◆ DAL

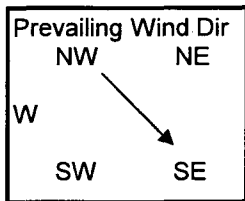
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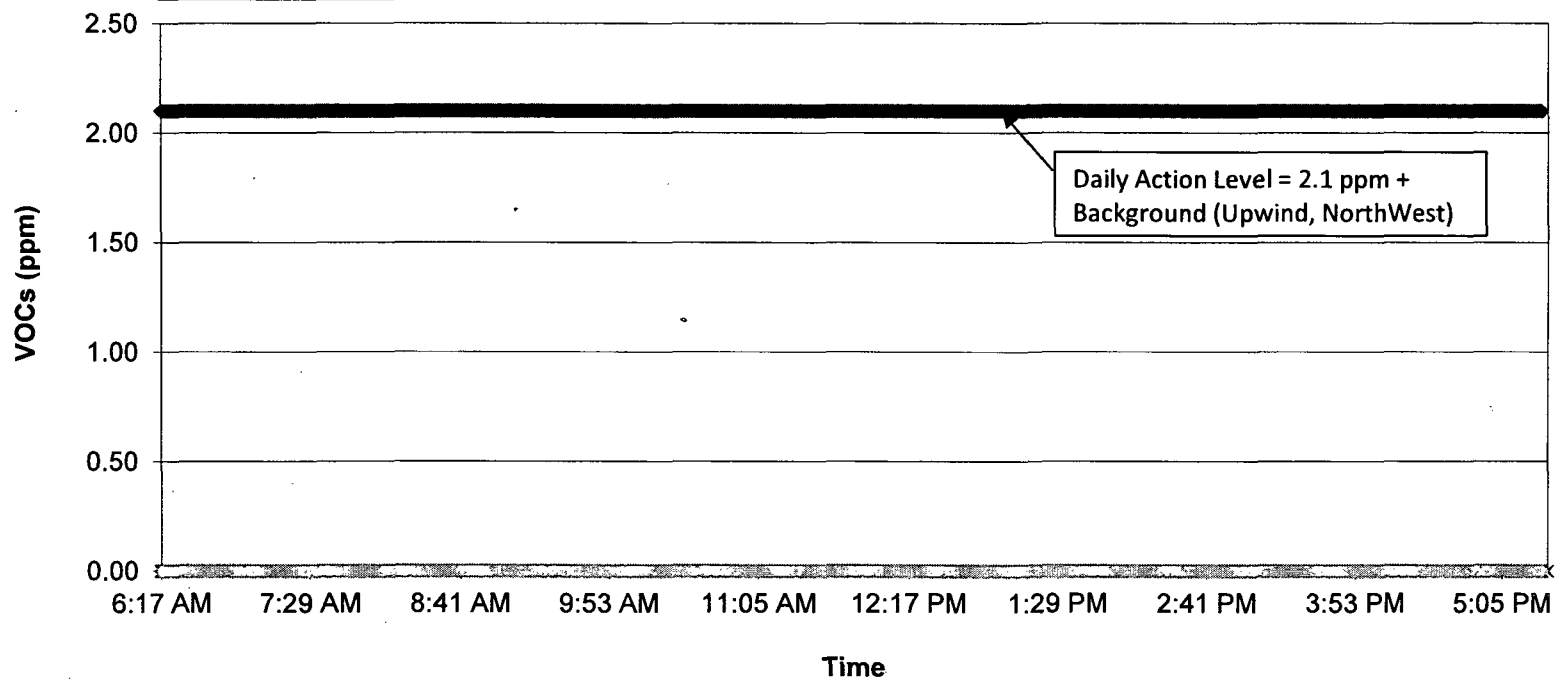
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◆ Upwind, North West Station [NW]

◆ West Station [W]



**VOCs Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
October 5, 2011**



◆ DAL

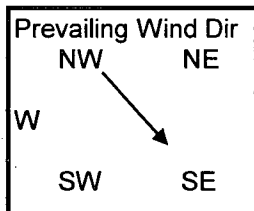
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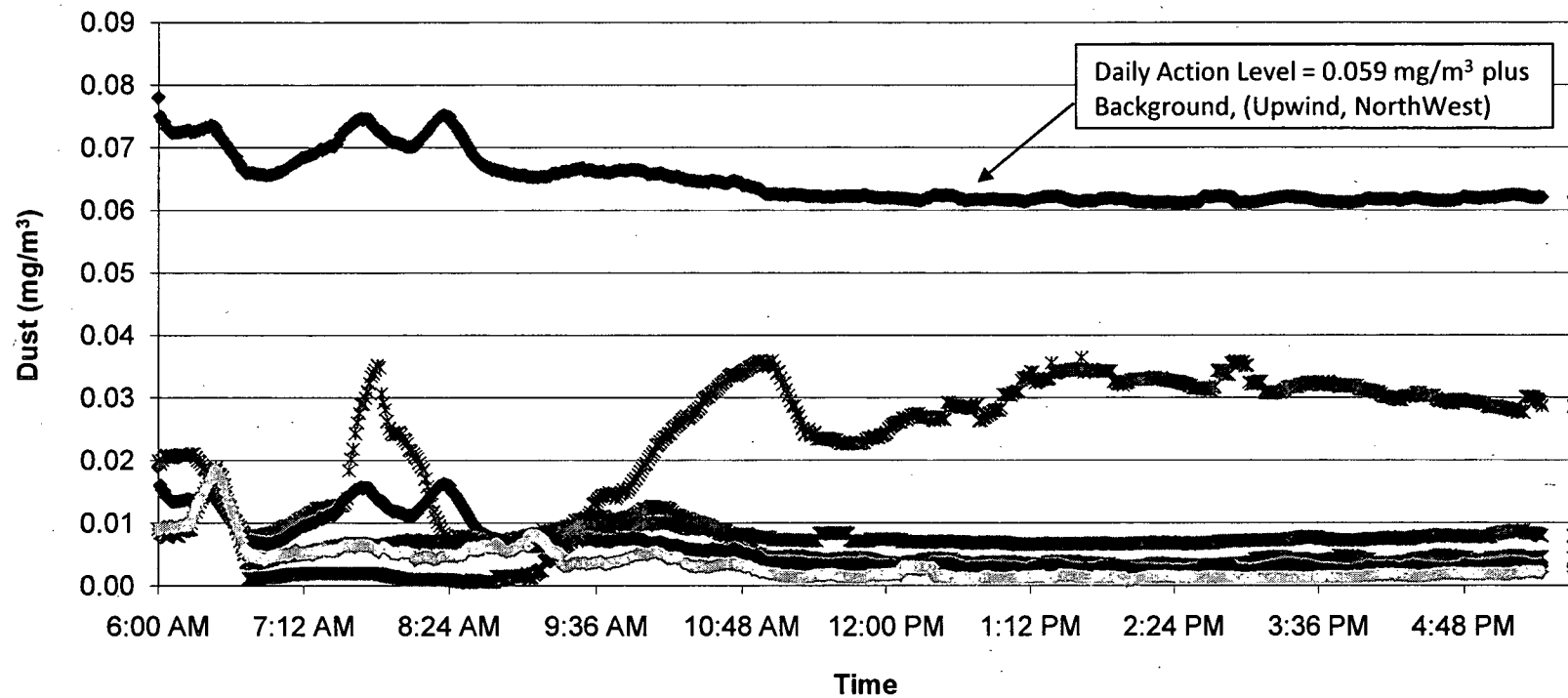
× South East Station [SE]

× South West Station [SW]

◆ West Station [W]



**Dust Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
October 6, 2011**



♦ DAL

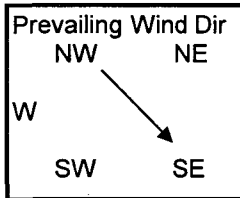
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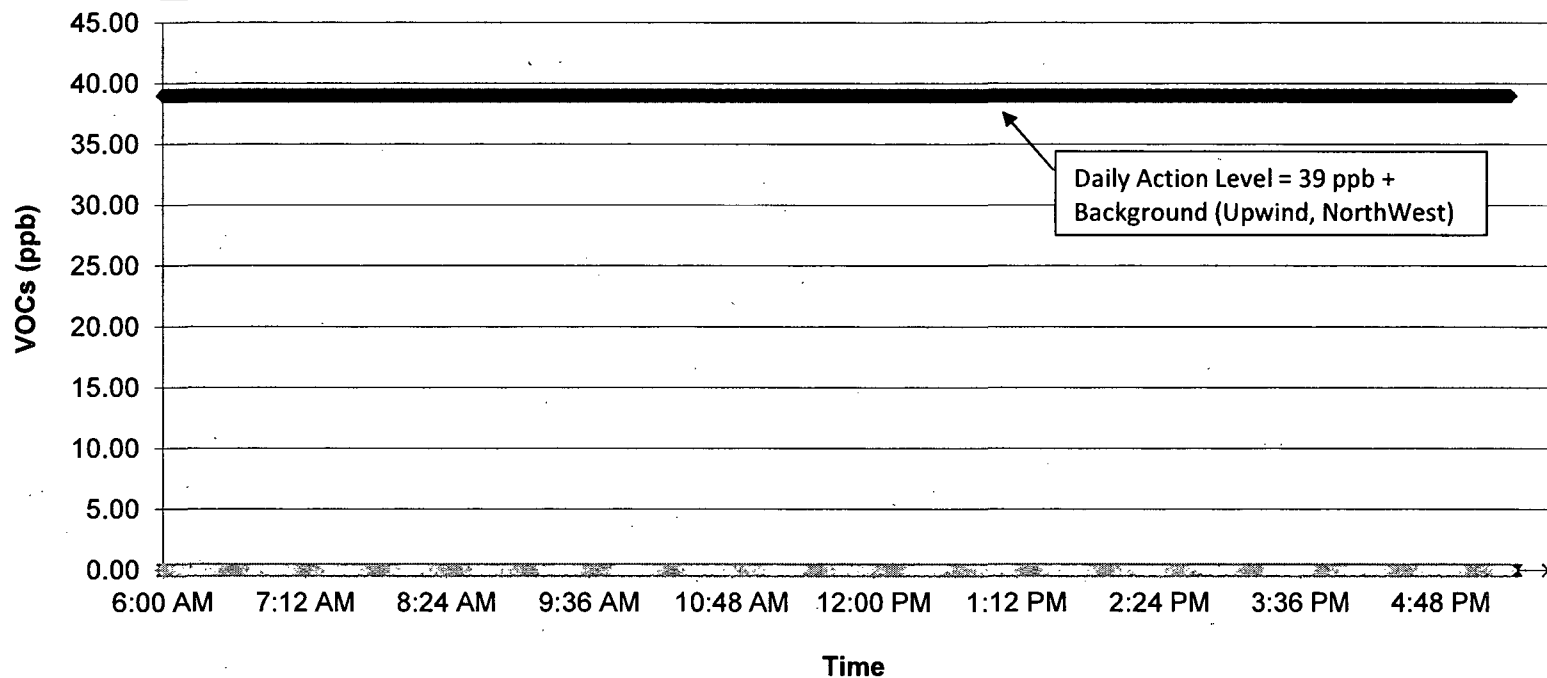
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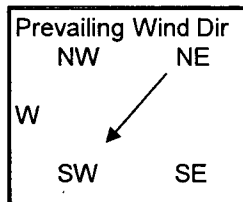
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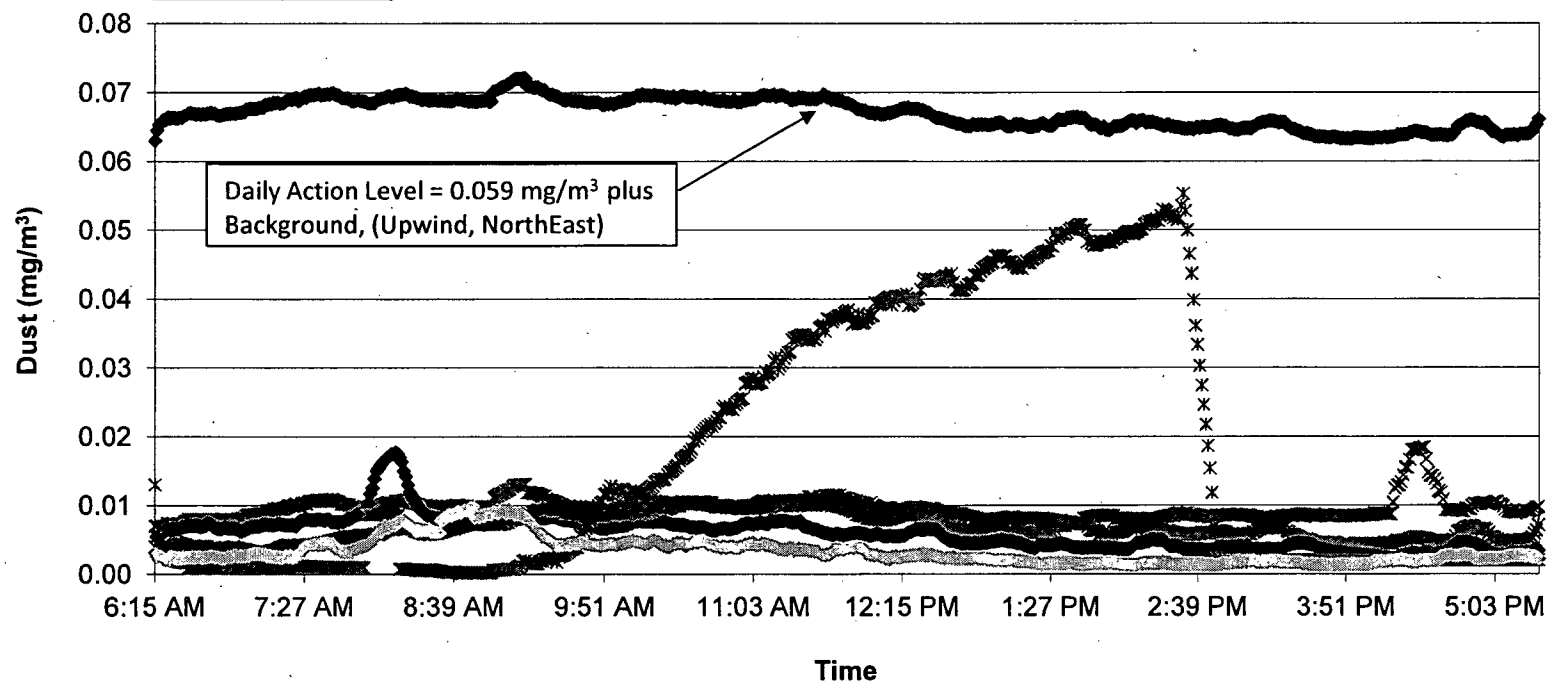
**VOCs Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
October 6, 2011**



◆ DAL	* North East Station [NE]	◆ Upwind, North West Station [NW]
* South East Station [SE]	* South West Station [SW]	◇ West Station [W]



Dust Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
October 7, 2011



♦ DAL

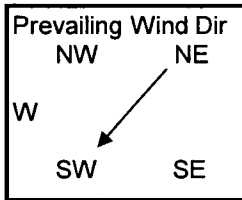
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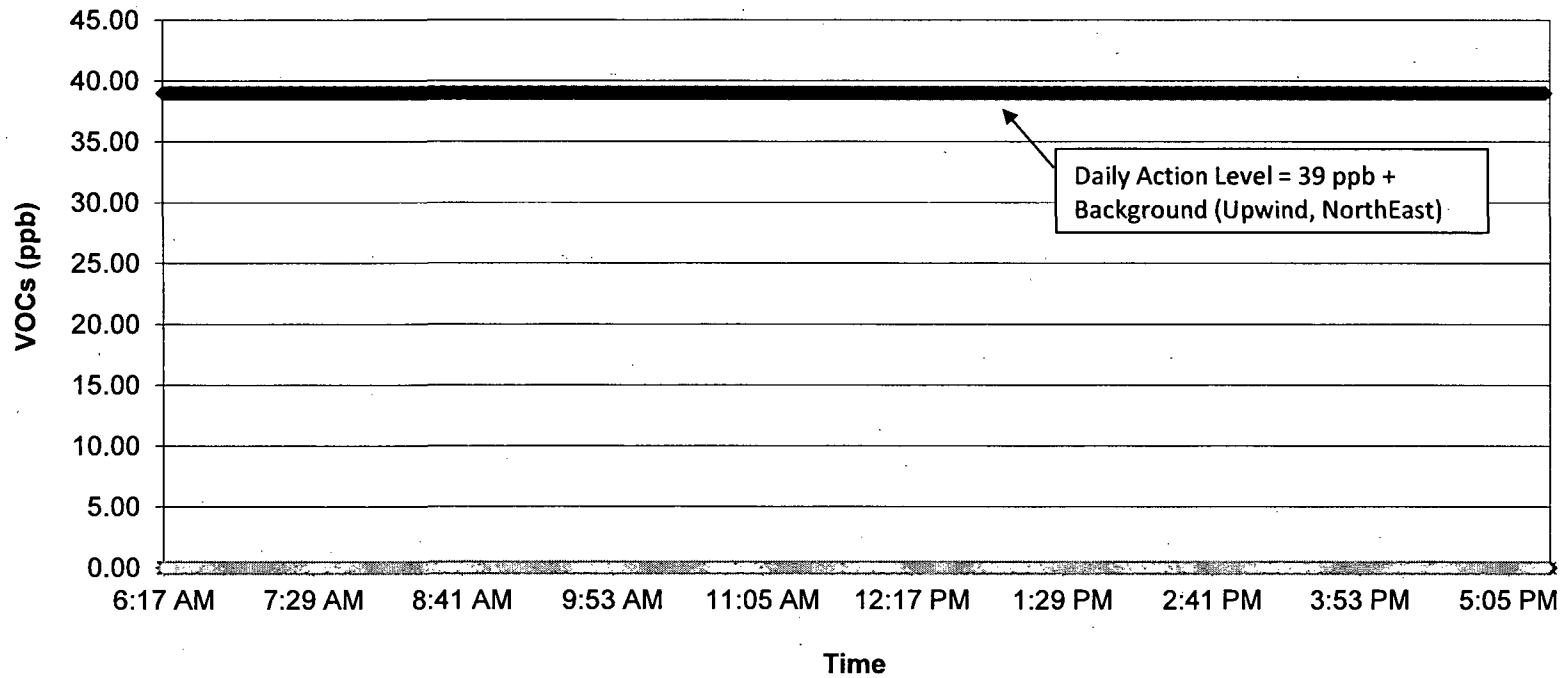
x South West Station [SW]

♦ North West Station [NW]

◊ West Station [W]



**VOCs Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
October 7, 2011**



◆ DAL

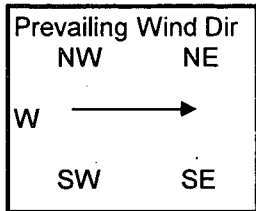
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◆ North West Station [NW]

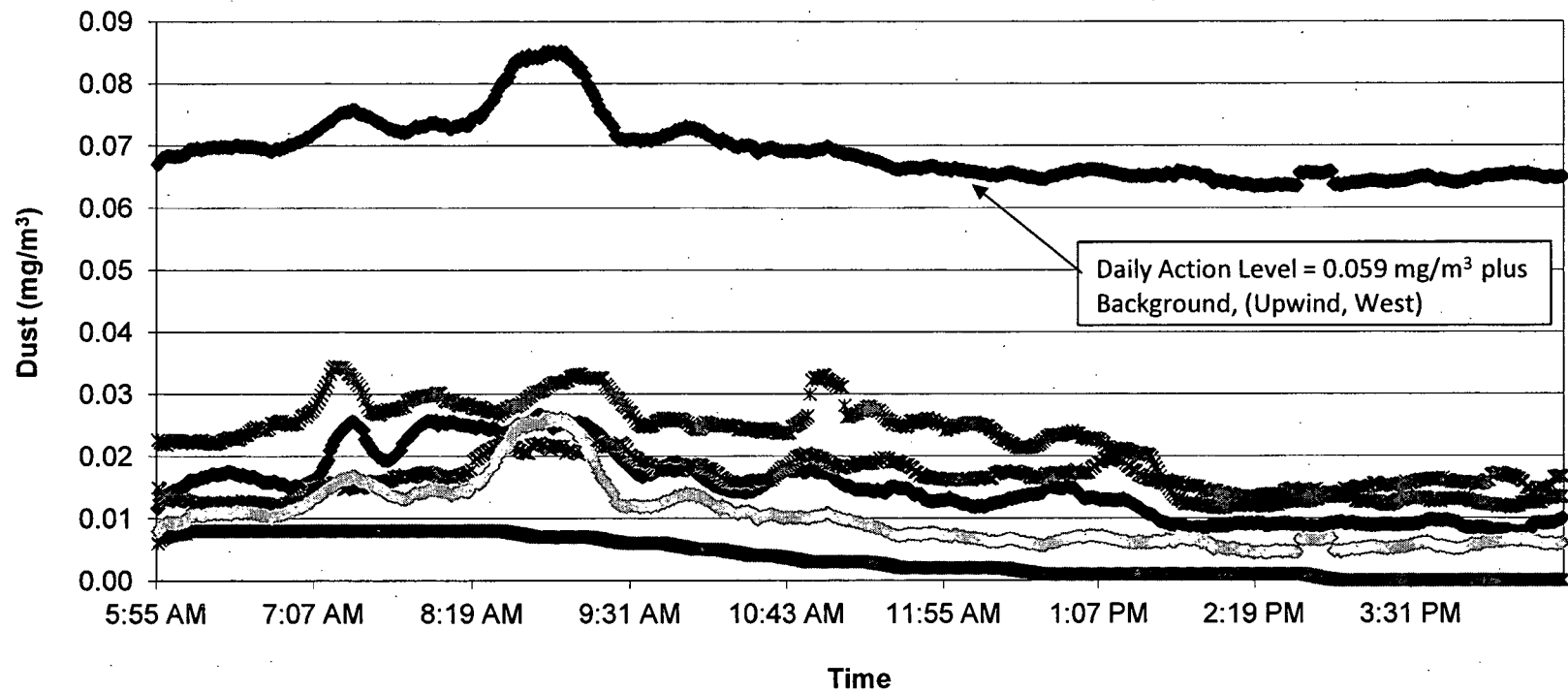
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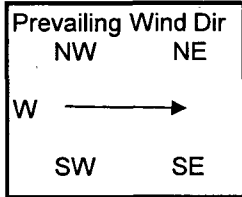
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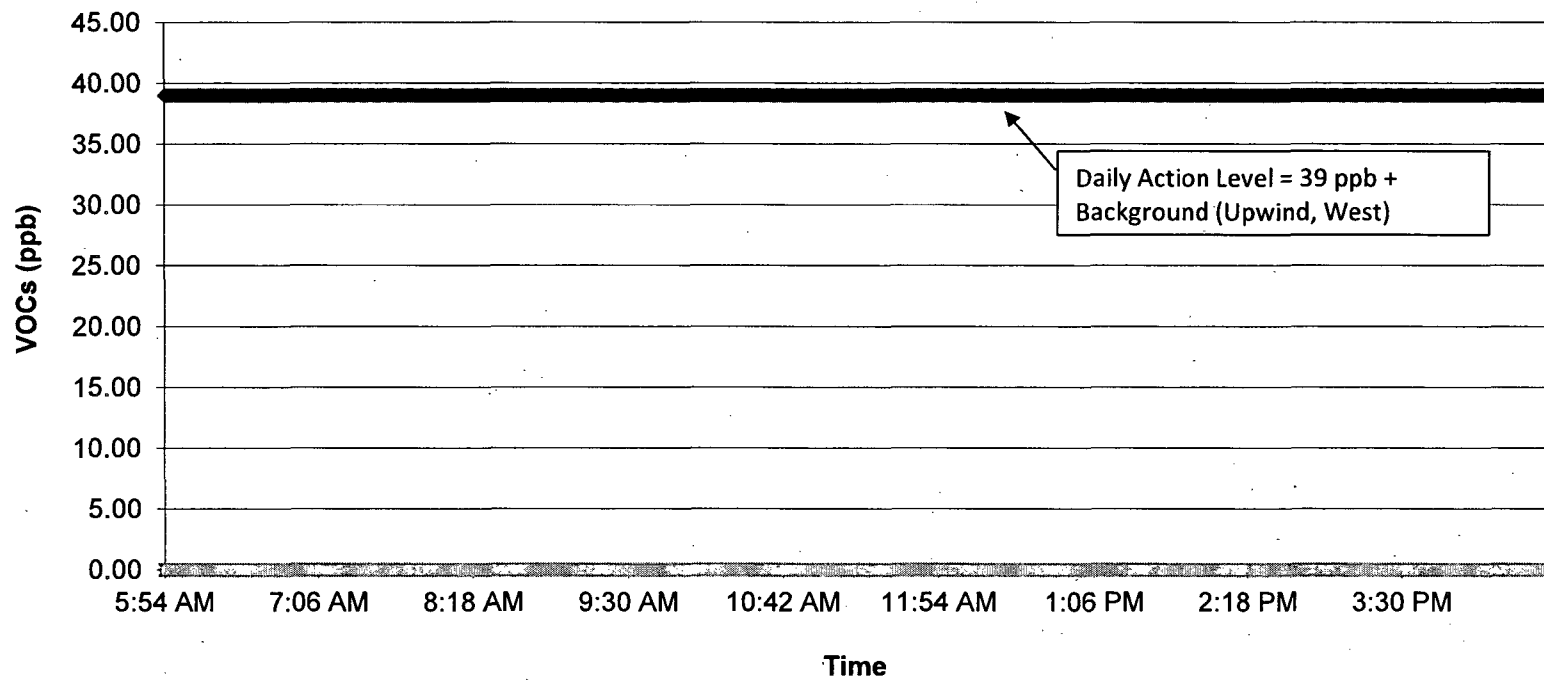
Dust Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
October 8, 2011



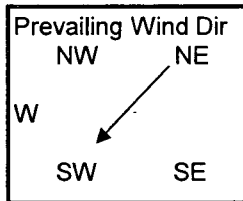
◆ DAL	× North East Station [NE]	◆ North West Station [NW]
× South East Station [SE]	× South West Station [SW]	◇ Upwind, West Station [W]



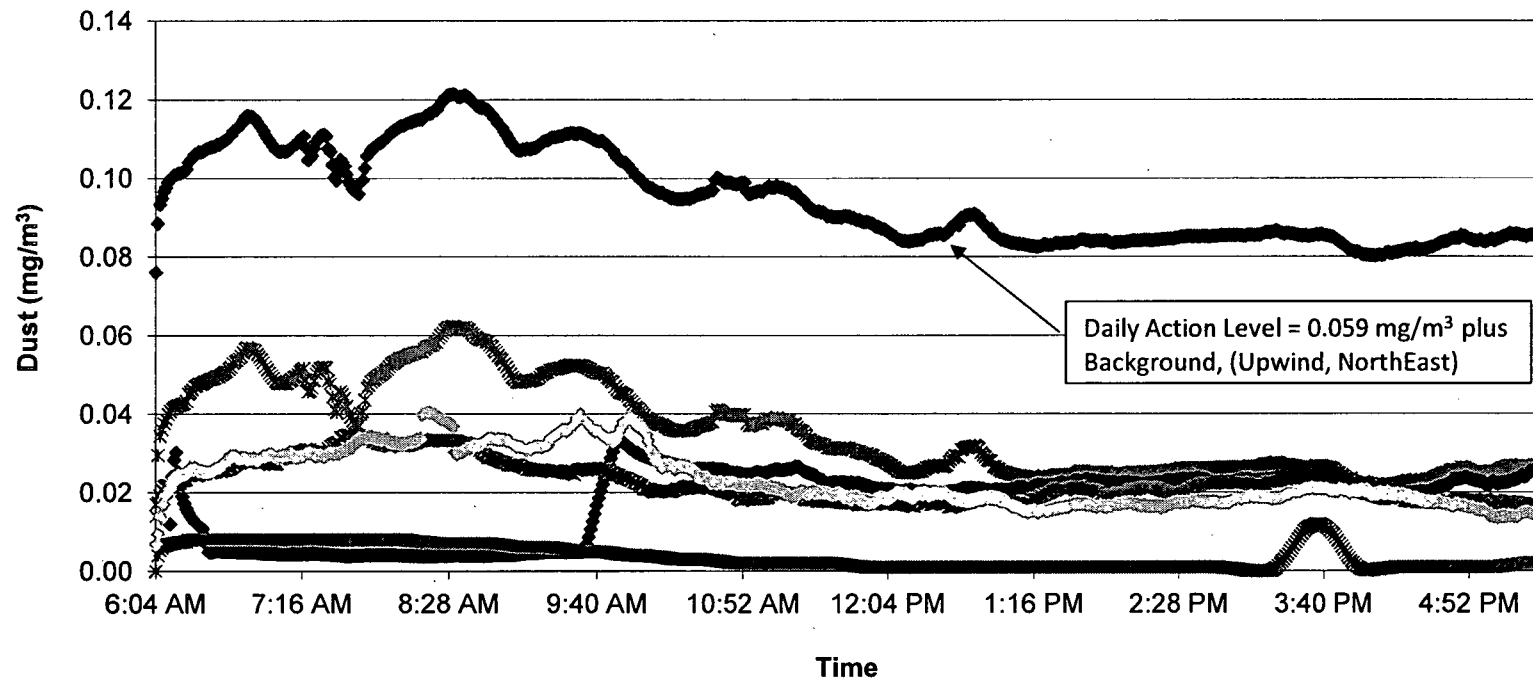
**VOCs Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
October 8, 2011**



◆ DAL	× North East Station [NE]	◆ North West Station [NW]
× South East Station [SE]	× South West Station [SW]	◆ Upwind, West Station [W]



Dust Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
October 10, 2011



♦ DAL

x South East Station [SE]

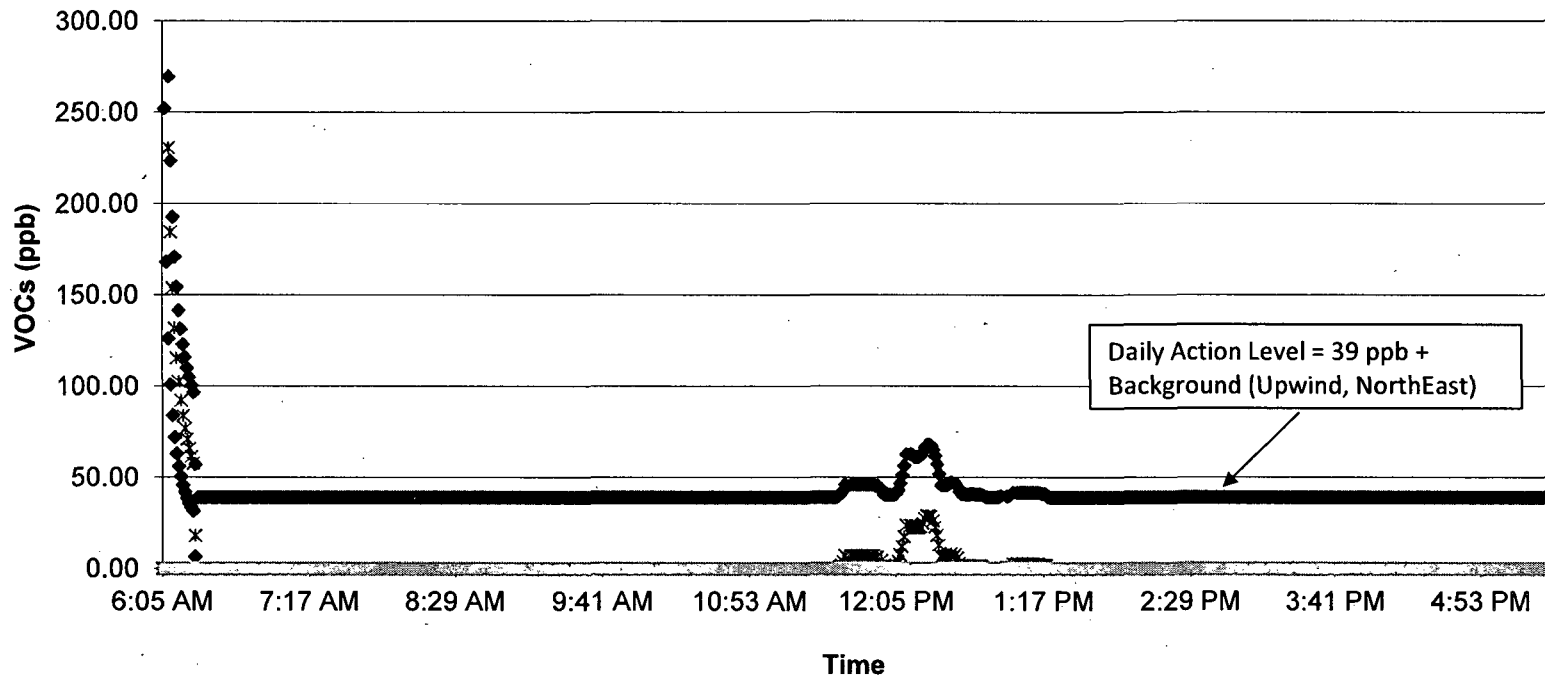
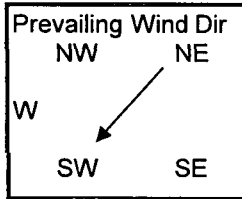
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x South West Station [SW]

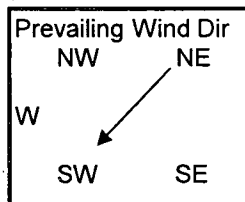
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♦ West Station [W]

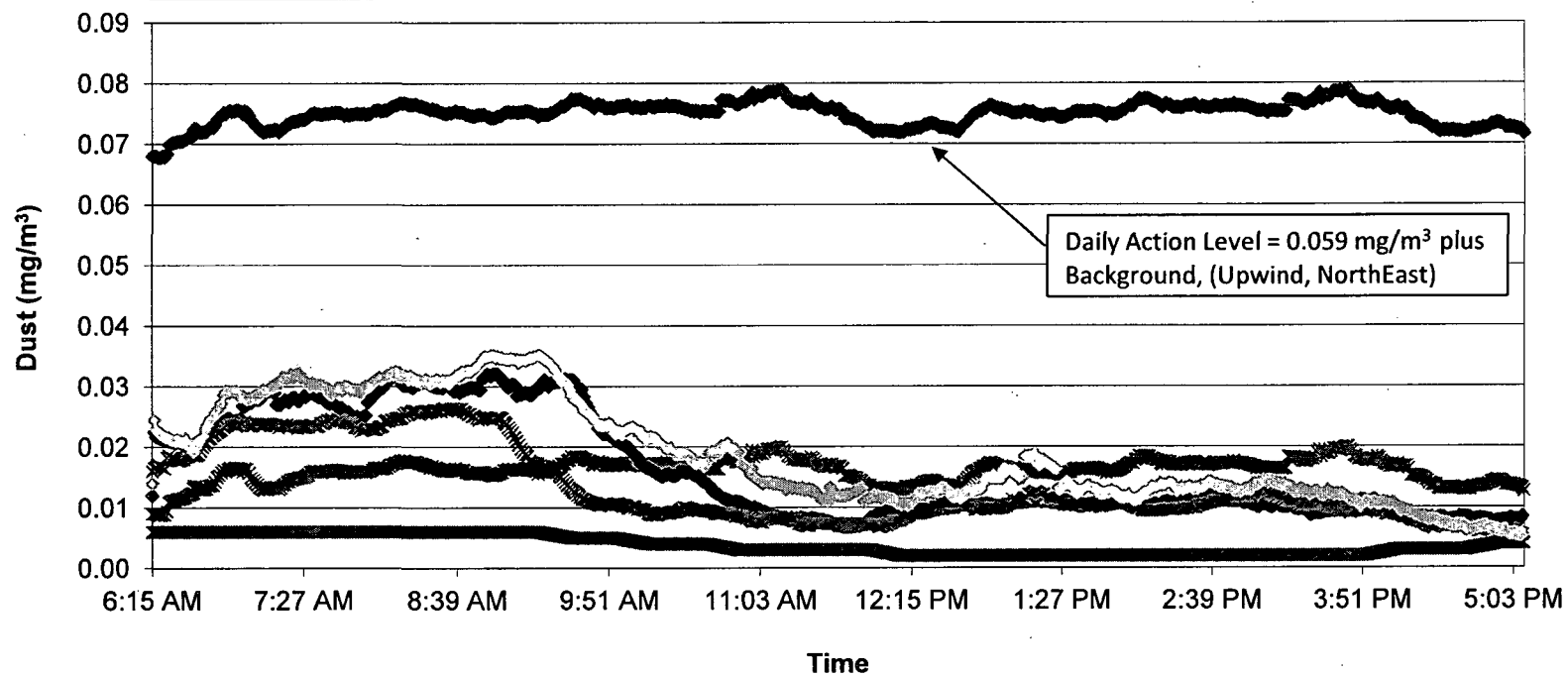
**VOCs Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
October 10, 2011**



◆ DAL	× Upwind, North East Station [NE]	◆ North West Station [NW]
× South East Station [SE]	× South West Station [SW]	◆ West Station [W]



Dust Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
October 11, 2011



◆ DAL

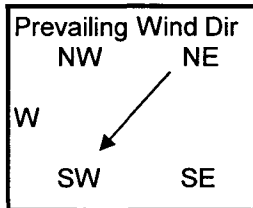
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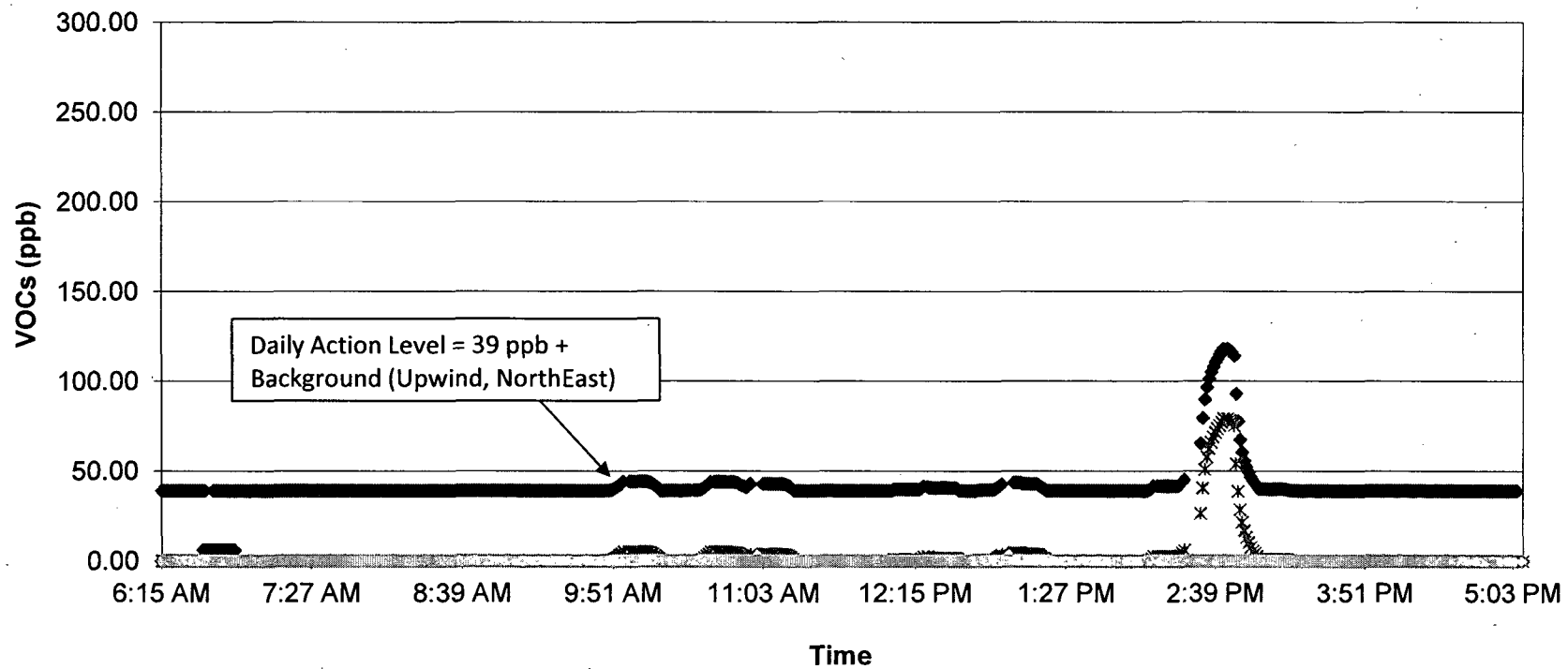
× South East Station [SE]

× South West Station [SW]

◇ West Station [W]



**VOCs Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
October 11, 2011**



◆ DAL

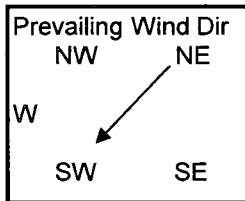
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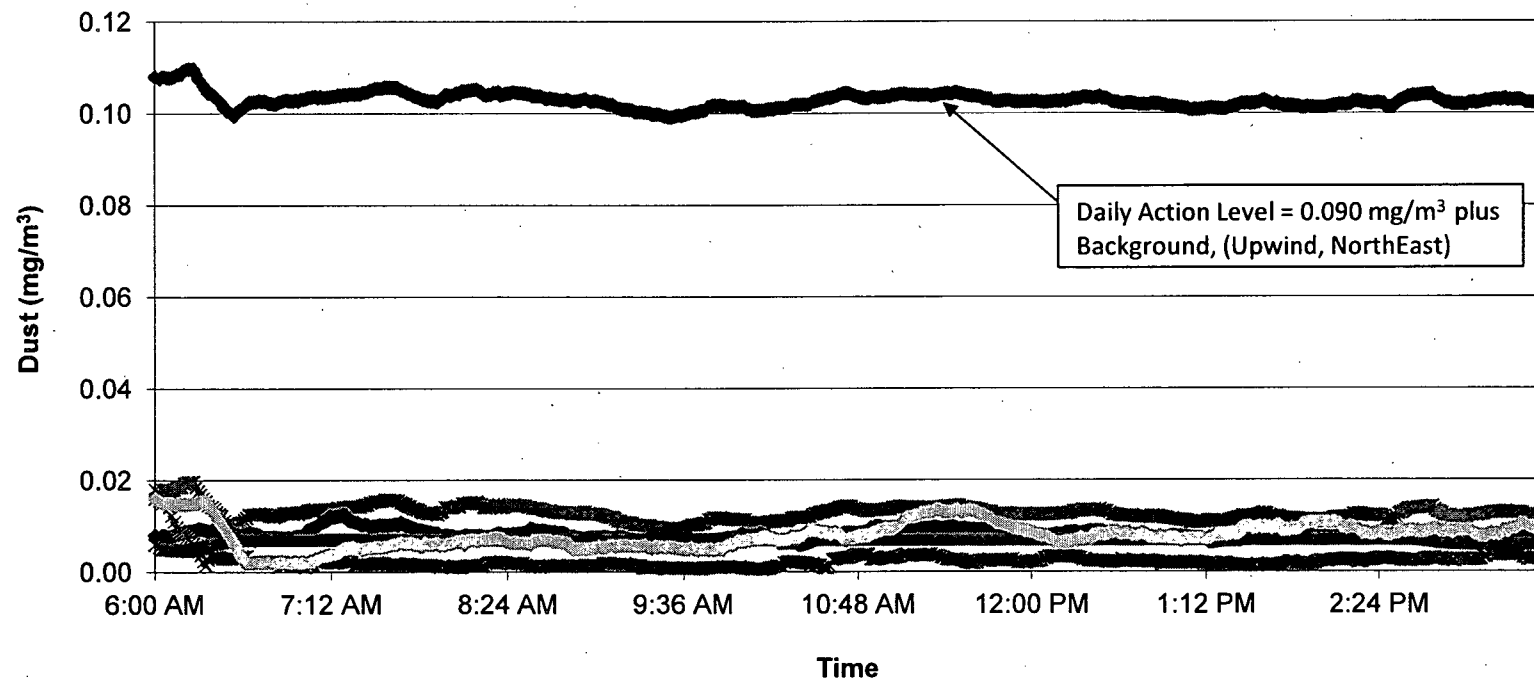
× South East Station [SE]

× South West Station [SW]

◇ West Station [W]



**Dust Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
October 12, 2011**



◆ DAL

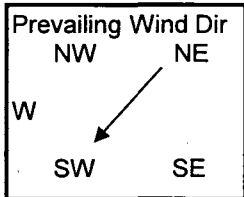
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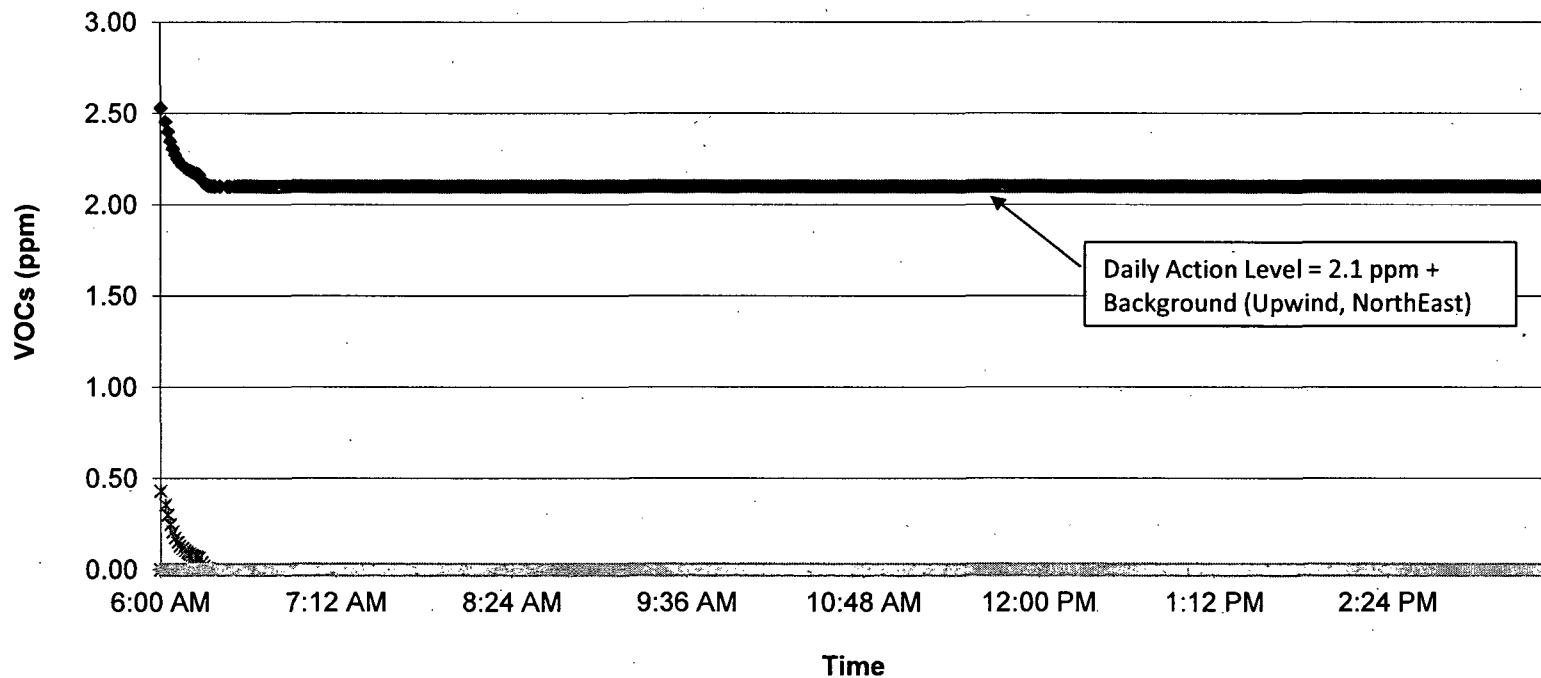
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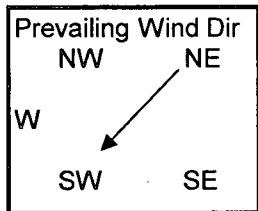
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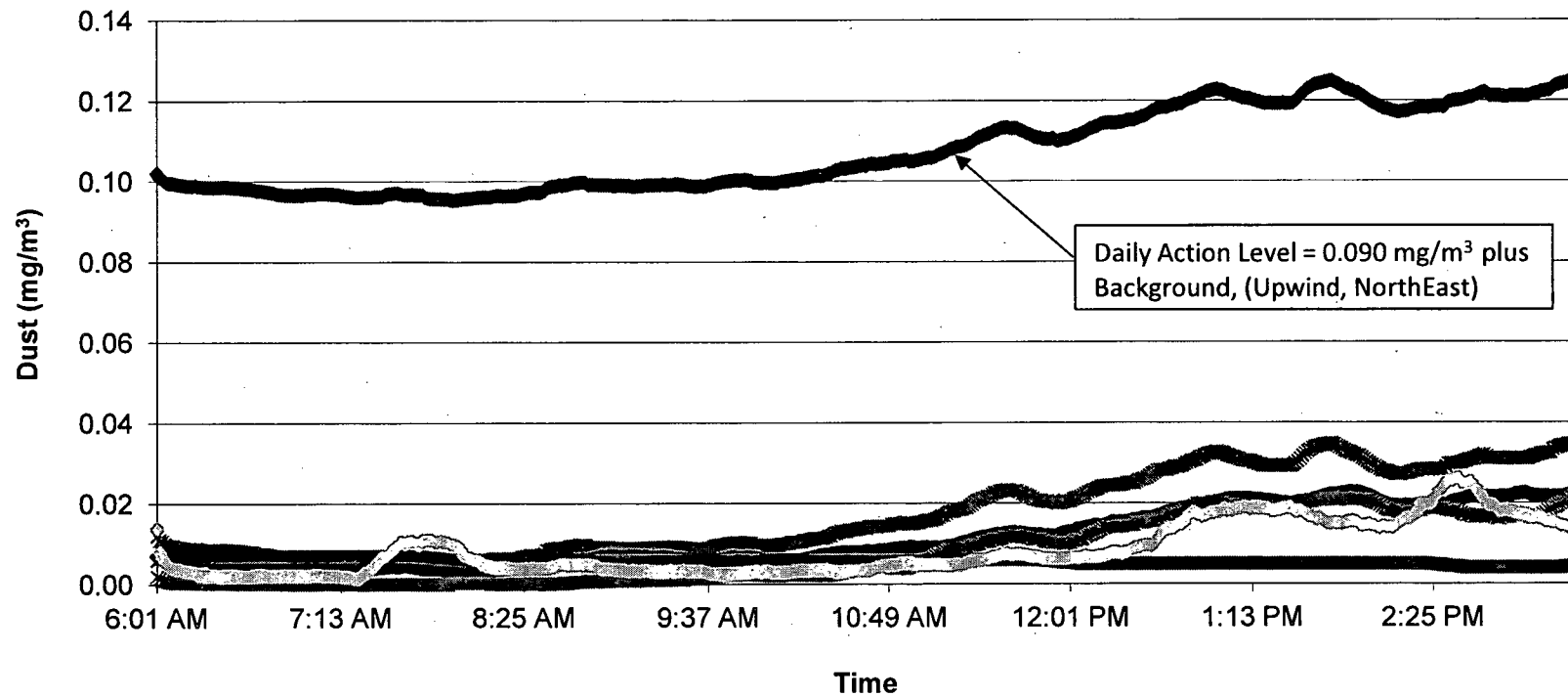
**VOCs Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
October 12, 2011**



◆ DAL	× Upwind, North East Station [NE]	◆ North West Station [NW]
× South East Station [SE]	× South West Station [SW]	◇ West Station [W]



**Dust Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
October 13, 2011**



◆ DAL

× South East Station [SE]

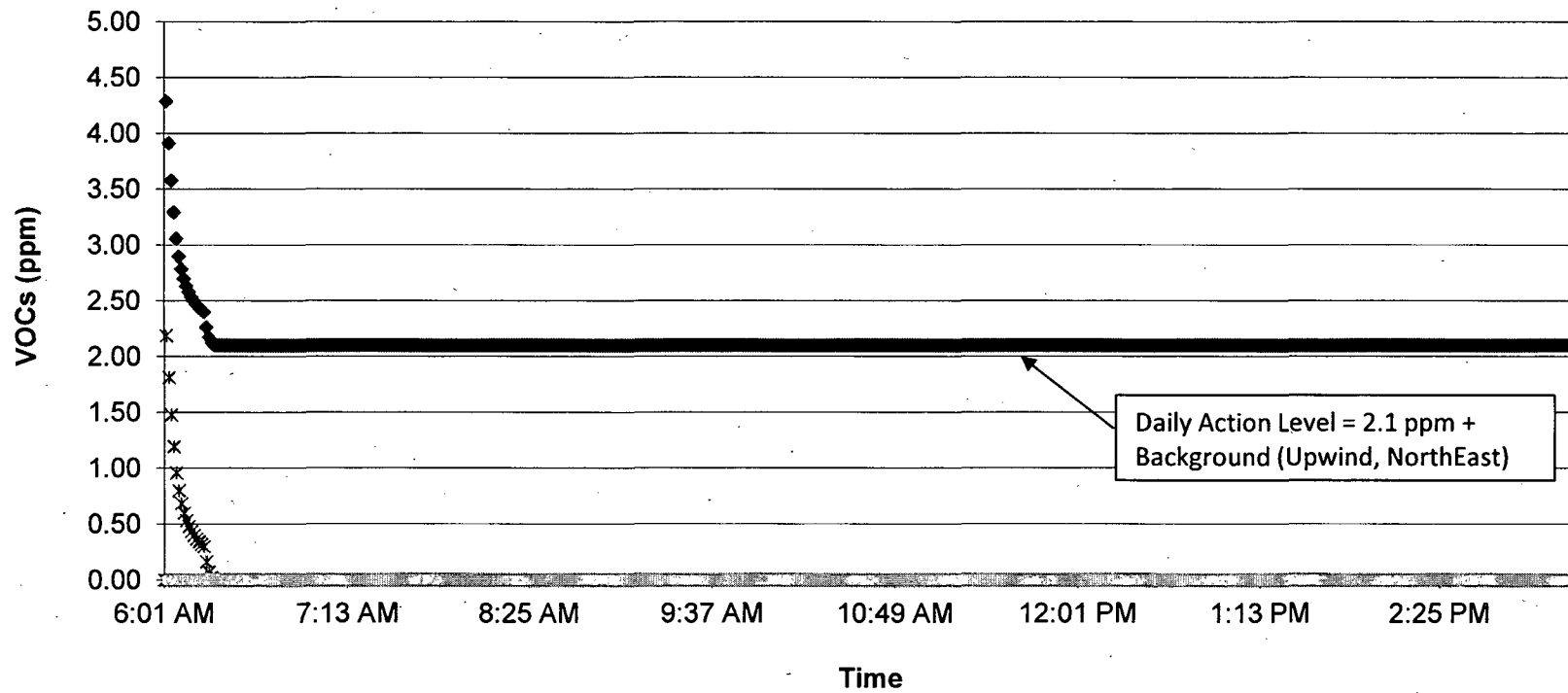
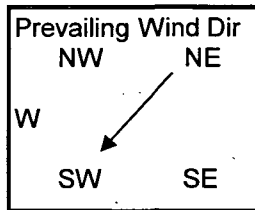
× Upwind, North East Station [NE]

× South West Station [SW]

◆ North West Station [NW]

◇ West Station [W]

**VOCs Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
October 13, 2011**



◆ DAL

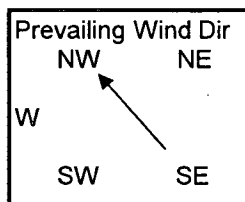
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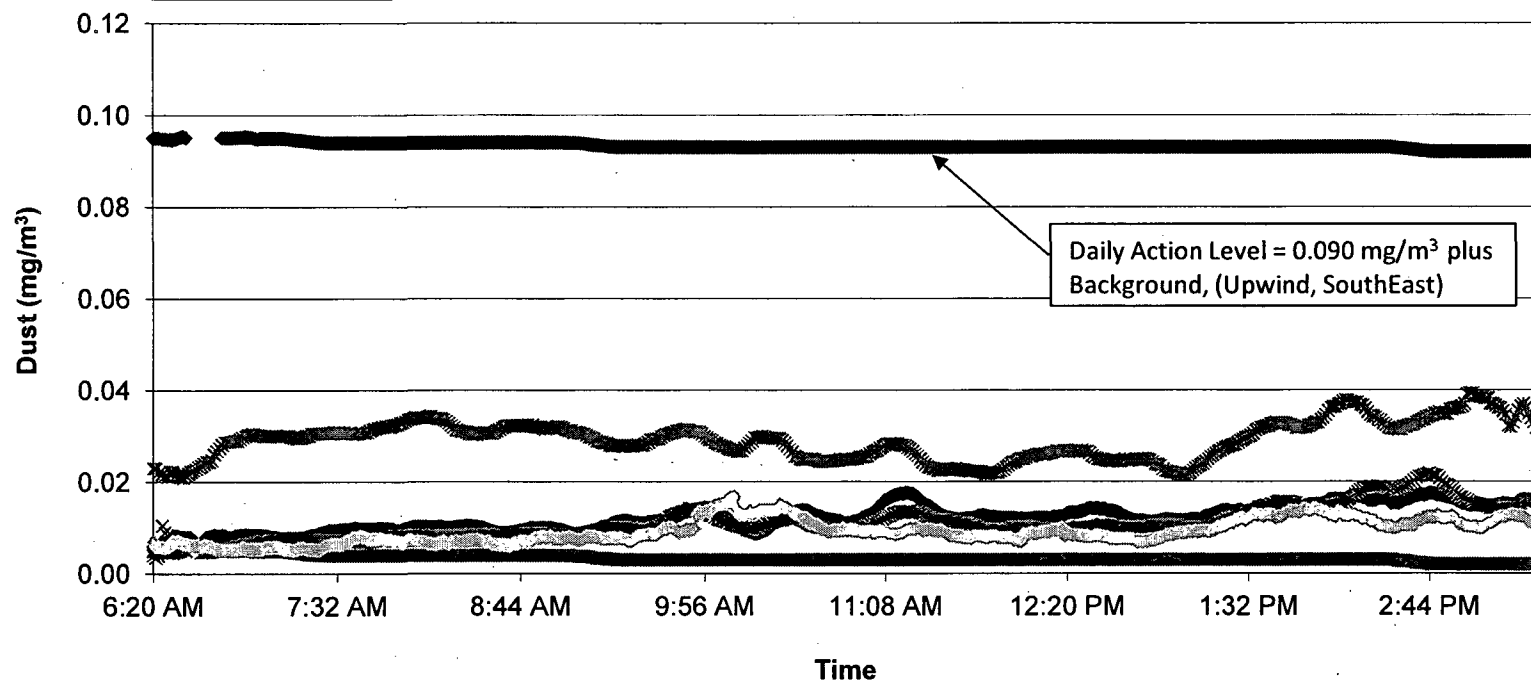
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◆ North West Station [NW]

◆ West Station [W]



**Dust Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
October 14, 2011**



◆ DAL

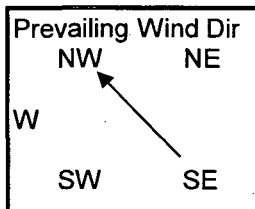
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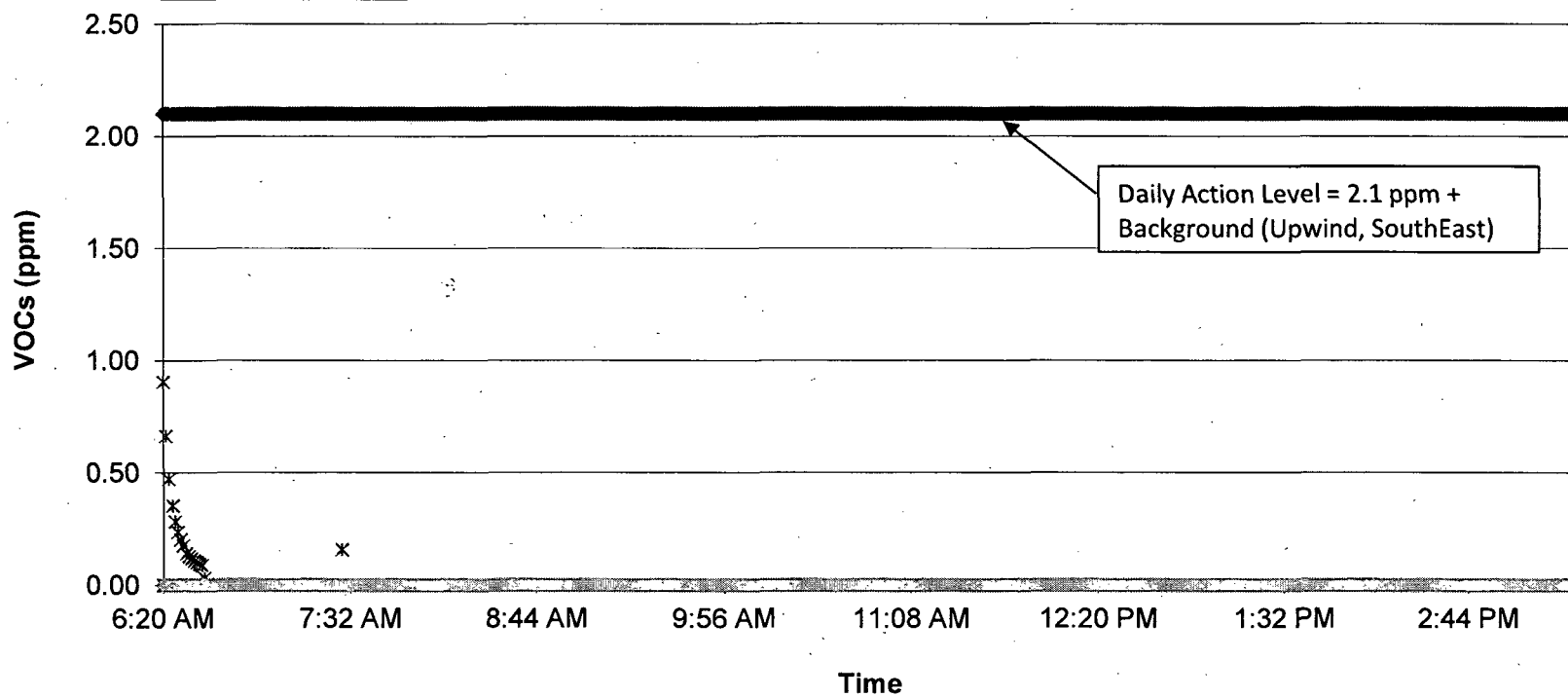
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* South West Station [SW]

◇ West Station [W]



**VOCs Monitoring
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SCCC/Diamond Sites
Kearny, New Jersey
October 14, 2011**



◆ DAL	× North East Station [NE]	◆ North West Station [NW]
× Upwind, South East Station [SE]	× South West Station [SW]	◇ West Station [W]